Flashcards

File: quiz_results_21-04-2025

Date: 08-05-2025

Total Cards: 10

Card 1/10

Q: What is the primary purpose of the VERTICAL tool?

A: To design and test Visual Landing Aids (VLAs) for VTOL/rotorcraft shipboard operations.

Card 2/10

Q: Which simulation platform is the VERTICAL tool built upon?

A: Microsoft Flight Simulator.

Card 3/10

Q: Why is using a readily available platform like a PC advantageous for the VERTICAL tool?

A: It increases accessibility for test team members due to the widespread availability of PCs.

Q: What does VLA stand for in the context of the VERTICAL tool?

A: Visual Landing Aids.

Q: What type of aircraft are the VLAs primarily designed for?

A: VTOL/rotorcraft aircraft.

Q: What is one of the goals of shipboard VLA systems?

A: To enable pilots to land safely in lower visibility conditions and higher sea states.

Q: What is the full name of the VERTICAL tool?

A: VLA Experimental Resource for Testing Innovative Configurations.

Q: Besides Microsoft Flight Simulator, what other technologies are integrated into VERTICAL?

A: FSUIPC and Java.

Q: Which aspect of ship motion is crucial for VLA design but not yet incorporated into the LHD prototype?

A: Forward motion of the ship.

Q: What type of ship is used in the prototype development for the VERTICAL tool?

A: LHD (Landing Helicopter Dock).